



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of _____

		Complete If Known	
Application Number	10/660,221		
Filing Date	September 10, 2003		
First Named Inventor	Liane Redford		
Art Unit	3625		
Examiner Name	Not Yet Assigned		
Attorney Docket Number	16222U-012710US		

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Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-3,935,933	02-03-1976	Tanaka et al.	
	AB	US-4,011,433	03-08-1977	Tateisi et al.	
	AC	US-4,108,350	08-22-1978	Forbes, Jr.	
	AD	US-4,124,109	11-07-1978	Bissell et al.	
	AE	US-4,195,864	04-01-1980	Morton et al.	
	AF	US-4,412,631	11-01-1983	Haker	
	AG	US-4,544,590	10-01-1985	Egan	
	AH	US-4,568,403	02-04-1986	Egan	
	AI	US-4,674,041	08-16-1987	Lemon et al.	
	AJ	US-4,723,212	02-02-1988	Mindrum et al.	
	AK	US-4,742,215	05-03-1988	Daughters et al.	
	AL	US-4,794,530	12-27-1988	Yukiura et al.	
	AM	US-4,825,053	04-25-1989	Caille	
	AN	US-4,837,422	06-08-1989	Dethloff et al.	
	AO	US-4,841,712	06-27-1989	Rouu	
	AP	US-4,868,376	09-19-1989	Lessin et al.	
	AQ	US-4,882,675	11-21-1989	Nichtberger et al.	
	AR	US-4,910,672	03-20-1990	Off et al.	
	AS	US-4,930,129	05-29-1990	Takahira	
	AT	US-4,941,090	07-10-1990	McCarthy	
	AU	US-4,949,256	08-14-1990	Humble	
	AV	US-4,954,003	09-04-1990	Shea	
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	AX	US-4,992,940	02-12-1991	Dworkin	
	AY	US-5,019,452	05-28-1991	Watanabe et al.	
	AZ	US-5,019,695	05-28-1991	Itako	
	BA	US-5,025,372	06-18-1991	Burton et al.	
	BB	US-5,056,019	10-08-1991	Schultz et al.	
	BC	US-5,060,793	10-29-1991	Hyun et al.	
	BD	US-5,060,804	10-29-1991	Beales et al.	
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	BG	US-5,115,888	05-26-1992	Schneider	
	BH	US-5,117,355	05-26-1992	McCarthy	
	BI	US-5,128,752	07-07-1992	Von Kohorn	
	BJ	US-5,173,851	12-22-1992	Off et al.	
	BK	US-5,185,695	02-09-1993	Pruchnicki	
	BL	US-5,200,889	04-06-1993	Mori	
	BM	US-5,202,826	04-13-1993	McCarthy	
	BN	US-5,227,874	07-13-1993	Von Kohorn	
	BO	US-5,256,863	10-26-1993	Ferguson et al.	

Examiner Signature

Date Considered

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60347/631.V1 REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/660,221
				Filing Date	September 10, 2003
				First Named Inventor	Liane Redford
				Art Unit	3625
				Examiner Name	Not Yet Assigned
Sheet	2	of		Attorney Docket Number	16222U-012710US

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Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BP	US-5,285,278		02-08-1994	Holman	
BQ	US-5,287,181		02-15-1994	Holman	
BR	US-5,287,268		02-15-1994	McCarthy	
BS	US-5,299,834		04-05-1994	Kraig	
BT	US-5,308,120		05-03-1994	Thompson	
BU	US-5,353,218		10-04-1994	De Lapa et al.	
BV	US-5,402,549		04-04-1995	Forrest	
BW	US-Re. 34,915		04-25-1995	Nichtberger et al.	
BX	US-5,417,458		05-23-1995	Best et al.	
BY	US-5,420,606		05-30-1995	Begum et al.	
BZ	US-5,380,991		01-10-1995	Valencia et al.	
CA	US-5,450,938		09-19-1995	Rademacher	
CB	US-5,466,010		11-14-1995	Spooner	
CC	US-5,471,669		11-28-1995	Lidman	
CD	US-5,473,690		12-05-1995	Grimonprez et al.	
CE	US-5,483,444		01-09-1996	Heintzman et al.	
CF	US-5,484,998		01-16-1996	Bejnar et al.	
CG	US-5,491,326		02-13-1996	Marceau et al.	
CH	US-5,491,838		02-13-1996	Takahisa et al.	
CI	US-5,500,681		03-19-1996	Jones	
CJ	US-5,501,491		03-26-1996	Thompson	
CK	US-5,513,102		04-30-1996	Aurlema	
CL	US-5,515,270		05-07-1996	Weinblatt	
CM	US-5,530,232		08-25-1996	Taylor	
CN	US-5,531,482		07-02-1996	Blank	
CO	US-5,535,118		07-09-1996	Chumbley	
CP	US-5,537,314		07-16-1996	Kanter	
CQ	US-5,559,313		09-24-1996	Claus et al.	
CR	US-5,564,073		10-08-1996	Takahisa	
CS	US-5,577,266		11-19-1996	Takahisa et al.	
CT	US-5,577,915		11-26-1996	Feldman	
CU	US-5,578,808		11-26-1996	Taylor	
CV	US-5,579,537		11-26-1996	Takahisa	
CW	US-5,594,493		01-14-1997	Nemirofsky	
CX	US-5,612,868		03-18-1997	Off et al.	
CY	US-5,621,812		04-15-1997	Deaton et al.	
CZ	US-5,642,485		06-24-1997	Deaton et al.	
DA	US-5,644,723		07-01-1997	Deaton et al.	
DB	US-5,649,114		07-15-1997	Deaton et al.	
DC	US-5,649,118		07-15-1997	Carlisle et al.	
DD	US-5,650,209		07-22-1997	Ramsburg et al.	

Examiner Signature		Date Considered
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6034743.v1 REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	10/660,221
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				First Named Inventor	Liane Redford
				Art Unit	3625
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Sheet	3	of		Attorney Docket Number	16222U-012710US

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	DE	US-5,687,322	11-11-1997	Deaton et al.	
	DF	US-5,689,100	11-18-1997	Camithers et al.	
	DG	US-5,727,153	03-10-1998	Powell	
	DH	US-5,734,838	03-31-1998	Robinson et al.	
	DI	US-5,742,845	04-21-1998	Wagner	
	DJ	US-5,761,648	06-02-1998	Golden et al.	
	DK	US-5,767,898	06-16-1998	Nemirofsky	
	DL	US-5,754,762	05-19-1998	Kuo et al.	
	DM	US-5,765,141	06-09-1998	Spector	
	DN	US-5,767,896	06-16-1998	Nemirofsky	
	DO	US-5,774,870	06-30-1998	Storey	
	DP	US-5,776,287	07-07-1998	Best et al.	
	DQ	US-5,791,991	08-11-1998	Small	
	DR	US-5,794,210	08-11-1998	Goldhaber et al.	
	DS	US-5,797,126	08-18-1998	Hebling et al.	
	DT	US-5,802,519	09-01-1998	De Jong	
	DU	US 5,804,806	09-08-1998	Haddad et al.	
	DV	US-5,806,044	09-08-1998	Powell	
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	DX	US-5,815,658	09-29-1998	Kuryama	
	DY	US-5,822,735	10-13-1998	De Lapa et al.	
	DZ	US-5,822,737	10-13-1998	Ogram	
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	EC	US-5,845,259	12-01-1998	West et al.	
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	EF	US-5,859,419	01-12-1999	Wynn	
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	EH	US-5,865,470	02-02-1999	Thompson	
	EI	US-5,868,498	02-09-1999	Martin	
	EJ	US-Re. 36,116	02-23-1999	McCarthy	
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	EQ	US 5,892,827	04-06-1999	Beach et al.	
	ER	US-5,898,838	04-27-1999	Wagner	
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Examiner Signature	Date Considered
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60347 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/660,221
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				First Named Inventor	Liane Redford
				Art Unit	3625
				Examiner Name	Not Yet Assigned
Sheet	4	of		Attorney Docket Number	16222U-012710US

U.S. PATENT DOCUMENTS*					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	EV	US 5,907,350	05-25-1999	Nemirofsky	
	EW	US-5,907,830	05-25-1999	Engel et al.	
	EX	US-5,909,486	06-01-1999	Walker et al.	
	EY	US-5,912,453	06-15-1999	Gungl et al.	
	EZ	US-5,915,244	06-22-1999	Jack et al.	
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	FB	US-5,924,072	07-13-1999	Havens	
	FC	US-5,926,795	07-20-1999	Williams	
	FD	US-5,928,082	07-27-1999	Clapper, Jr.	
	FE	US-5,931,947	08-03-1999	Burns et al.	
	FF	US-5,943,651	08-24-1999	Oosawa	
	FG	US-5,950,173	09-07-1999	Perkowski	
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	FI	US-5,956,695	09-21-1999	Carithers et al.	
	FJ	US-5,953,047	09-14-1999	Nemirofsky	
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	FQ	US-5,974,399	10-26-1999	Giuliani et al.	
	FR	US-5,974,549	10-28-1999	Golan	
	FS	US-5,978,013	11-02-1999	Jones et al.	
	FT	US-5,987,795	11-23-1999	Wilson	
	FU	US-6,097,042	12-07-1999	Blank	
	FV	US-6,000,608	12-14-1999	Dorf	
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	FX	US-6,003,113	12-14-1999	Hoshino	
	FY	US-6,003,134	12-14-1999	Kuo et al.	
	FZ	US-6,005,942	12-21-1999	Chan et al.	
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	GD	US-6,024,286	02-15-2000	Bradley et al.	
	GE	US-6,038,551	03-14-2000	Barlow et al.	
	GF	US-6,041,309	03-21-2000	Laor	
	GG	US-6,047,325	04-04-2000	Jain et al.	
	GH	US-6,049,778	04-11-2000	Walker et al.	

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60347433.11 REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449A/PTO				Complete if Known	
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	GI	US-6,052,468	04-18-2000	Hillhouse	
	GJ	US-6,052,690	04-18-2000	de Jong	
	GK	US-6,052,785	04-18-2000	Lin et al.	
	GL	US-6,055,509	04-25-2000	Powell	
	GM	US-6,061,660	05-09-2000	Eggleston et al.	
	GN	US-6,067,526	05-23-2000	Powell	
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	GP	US-6,073,238	06-06-2000	Drupsteen	
	GQ	US-6,076,068	06-13-2000	DeLapa et al.	
	GR	US-6,076,069	06-13-2000	Leor	
	GS	US-6,089,611	07-18-2000	Blank	
	GT	US-6,094,656	07-25-2000	De Jong	
	GU	US-6,101,422	08-08-2000	Furlong	
	GV	US-6,101,477	08-08-2000	Hohle et al.	
	GW	US-6,105,002	08-15-2000	Powell	
	GX	US-6,105,865	08-22-2000	Hardesty	
	GY	US-6,105,873	08-22-2000	Jeger	
	GZ	US-6,112,987	09-05-2000	Lambert et al.	
	HA	US-6,112,988	09-05-2000	Powell	
	HB	US-6,119,933	09-19-2000	Wong et al.	
	HC	US-6,119,945	09-19-2000	Muller et al.	
	HD	US-6,122,631	09-19-2000	Berbec et al.	
	HE	US-6,129,274	10-10-2000	Suzuki	
	HF	US-6,144,948	11-07-2000	Walker et al.	
	HG	US-6,151,586	11-21-2000	Brown	
	HH	US-6,151,587	11-21-2000	Matthias	
	HI	US-6,154,751	11-28-2000	Ault et al.	
	HJ	US-6,161,870	12-19-2000	Blank	
	HK	US-6,164,549	12-26-2000	Richards	
	HL	US-6,170,061 B1	01-02-2001	Beser	
	HM	US-6,173,269 B1	01-09-2001	Sokoli et al.	
	HN	US-6,173,891 B1	01-16-2001	Powell	
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	HP	US-6,179,710 B1	01-30-2001	Sawyer et al.	
	HQ	US-6,183,017 B1	02-06-2001	Najor et al.	
	HR	US-6,185,541 B1	02-06-2001	Scroggie et al.	
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	HU	US-6,195,666 B1	02-27-2001	Schneck et al.	
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	HW	US-6,216,014 B1	04-10-2001	Proust et al.	

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Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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HZ	US-6,222,914 B1			04-24-2001	McMullin
IA	US-6,230,143 B1			05-08-2001	Simons et al.
IB	US-6,237,145 B1			05-22-2001	Narasimhan et al.
IC	US 6,241,287 B1			06-05-2001	Best et al.
ID	US 6,243,687 B1			06-05-2001	Powell
IE	US 6,243,688 B1			06-05-2001	Kalina
IF	US 6,244,958 B1			06-12-2001	Acres
IG	US 6,266,647 B1			07-24-2001	Fernandez
IH	US 6,267,263 B1			07-31-2001	Emoff et al.
II	US 6,269,158 B1			07-31-2001	Kim
IJ	US 6,279,112 B1			08-21-2001	O'Tools, Jr. et al.
IK	US 6,282,516 B1			08-28-2001	Giuliani
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IM	US 6,292,786 B1			09-18-2001	Deaton et al.
IN	US 6,296,191 B1			10-02-2001	Hamann et al.
IO	US 6,299,530 B1			10-09-2001	Hansled et al.
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IQ	US 2002/0002468 A1			01-03-2002	Spagna et al.
IR	US 6,385,723 B1			05-07-2002	Richards
IS	US 6,390,374 B1			05-21-2002	Carper et al.
IT	US 2002/0076051 A1			06-20-2002	Nil
IU	US 6,480,935 B1			11-12-2002	Carper et al.
IV	US 6,549,773 B1			04-15-2003	Linden et al.
IW	US 6,549,912 B1			04-15-2003	Chen
IX	US 6,612,490 B1			09-02-2003	Herrendoerfer et al.
IY	US 6,681,995 B2			01-27-2004	Sukeda et al.
IZ	US 6,689,345 B2			02-10-2004	Jager Lezer

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JB	WO	96/25724	A1	08-22-1996	
JC	WO	96/38945	A1	12-05-1996	
JD	WO	96/42109	A1	12-27-1996	
JE	WO	97/05582	A1	02-13-1997	
JF	WO	97/10562	A1	03-20-1997	

Examiner Signature	Date Considered
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REFERRAL PREFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./
60347453-V4

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/660,221
				Filing Date	September 10, 2003
				First Named Inventor	Liane Redford
				Art Unit	3625
				Examiner Name	Not Yet Assigned
Sheet	7	of		Attorney Docket Number	16222U-012710US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	JH	WO	98/02834	A1	01-22-1998			<input type="checkbox"/>
	JI	WO	98/09257	A1	03-05-1998			<input type="checkbox"/>
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	JN	WO	99/10824	A1	03-04-1999			<input type="checkbox"/>
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	JQ	WO	99/44172	A1	09-02-1999			<input type="checkbox"/>
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Examiner Signature	Date Considered
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60347433-11 REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	10/660,221
				Filing Date	September 10, 2003
				First Named Inventor	Liane Redford
				Art Unit	3625
				Examiner Name	Not Yet Assigned
Sheet	8	of		Attorney Docket Number	16222U-012710US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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LV	EP	0292248	A2	11-23-1988				<input type="checkbox"/>
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MA	EP	0682327	A2	11-15-1995				<input type="checkbox"/>
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MD	EP	0938050	A2	08-25-1999				<input type="checkbox"/>
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MH	EP	0982692	A2	03-01-2000				<input type="checkbox"/>

Examiner Signature	Date Considered
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60347453-44 PREFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/660,221
				Filing Date	September 10, 2003
				First Named Inventor	Liane Redford
				Art Unit	3625
				Examiner Name	Not Yet Assigned
Sheet	9	of		Attorney Docket Number	16222U-012710US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	MK	EP	1102320	A1	05-23-2001		Abstract attached	<input checked="" type="checkbox"/>
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	NP	KR	0021237	A	03-20-2002		Abstract attached	<input checked="" type="checkbox"/>

Examiner Signature	Date Considered
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60347453-V4 PREFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.A./

Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/660,221
				<i>Filing Date</i>	September 10, 2003
				<i>First Named Inventor</i>	Liane Redford
				<i>Art Unit</i>	3625
				<i>Examiner Name</i>	Not Yet Assigned
Sheet	10	of		<i>Attorney Docket Number</i>	16222U-012710US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	NQ	"Internet based secure transactions using encrypting applets and cgi-scripts independent of browser or server capabilities"; 1998, <u>IBM Research Disclosure</u> , No. 410116, pp. 800-801.		

Examiner Signature	/Raquel Alvarez/	Date Considered	08/05/2008
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.